

# 中华人民共和国国家标准

## 批准发布公告

### Announcement of Newly Approved National Standards of P.R.China

1999 年第 11 号(总第 11 号)

国家质量技术监督局批准以下 111 项国家标准，现予以公布。

一九九九年十一月十二日

| 序号 | 国家标准编号           | 国 家 标 准 名 称                                                                                                                  | 代替标准号            | 批准日期           | 实施日期           |
|----|------------------|------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|----------------|
| 1  | GB/T<br>232-1999 | 金属材料 弯曲试验方法<br>Metallic materials-Bend<br>test                                                                               | GB/T<br>232-1988 | 1999-11-<br>01 | 2000-08-<br>01 |
| 2  | GB/T<br>235-1999 | 金属材料 厚度等于或小<br>于 3 mm 薄板和薄带 反复<br>弯曲试验方法<br>Metallic<br>materials-Sheet and<br>strip 3mm thick or less<br>-Reverse bend test | GB/T<br>235-1988 | 1999-11-<br>01 | 2000-08-<br>01 |
| 3  | GB/T<br>239-1999 | 金属线材扭转试验方法<br>Metallic<br>materials-Wire-Torsion<br>test                                                                     | GB/T<br>239-1984 | 1999-11-<br>01 | 2000-08-<br>01 |
| 4  | GB 567-1999      | 爆破片与爆破片装置<br>Bursting discs and<br>bursting disc devices                                                                     | GB 567-1989      | 1999-11-<br>01 | 2000-08-<br>01 |
| 5  | GB/T<br>699-1999 | 优质碳素结构钢<br>Quality carbon<br>structural steels                                                                               | GB/T<br>699-1988 | 1999-11-<br>01 | 2000-08-<br>01 |
| 6  | GB<br>1350-1999  | 稻谷<br>Paddy                                                                                                                  | GB 1350-1986     | 1999-11-<br>01 | 2000-04-<br>01 |
| 7  | GB<br>1351-1999  | 小麦<br>Wheat                                                                                                                  | GB 1351-1986     | 1999-11-<br>01 | 2000-04-<br>01 |
| 8  | GB<br>1353-1999  | 玉米<br>Maize                                                                                                                  | GB 1353-1986     | 1999-11-<br>01 | 2000-04-<br>01 |

|    |                      |                                                                                                                                                                                                                         |                    |                |                |
|----|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|----------------|
| 9  | GB/T<br>2421-1999    | 电工电子产品环境试验<br>第1部分：总则<br>Environmental testing<br>for electric and<br>electronic products Part<br>1: General and guidance                                                                                               | GB/T<br>2421-1989  | 1999-10-<br>10 | 2000-05-<br>01 |
| 10 | GB/T<br>2423.50-1999 | 电工电子产品环境试验<br>第2部分：试验方法 试验<br>CY：恒定湿热主要用于元件<br>的加速试验<br>Environmental testing<br>for electric and<br>electronic products Part<br>2: Tests-Test Cy:Damp<br>heat, steady<br>state, accelerated test<br>primarily intended |                    | 1999-10-<br>10 | 2000-05-<br>01 |
| 11 | GB/T<br>2985-1999    | 生物显微镜<br>Biological microscope                                                                                                                                                                                          | GB/T<br>2985-1991  | 1999-10-<br>10 | 2000-03-<br>01 |
| 12 | GB/T<br>3077-1999    | 合金结构钢<br>Alloy structure steels                                                                                                                                                                                         | GB/T<br>3077-1988  | 1999-11-<br>01 | 2000-08-<br>01 |
| 13 | GB<br>3087-1999      | 低中压锅炉用无缝钢管<br>Seamless steel tubes for<br>low and medium pressure                                                                                                                                                       | GB 3087-1982       | 1999-11-<br>01 | 2000-08-<br>01 |
| 14 | GB/T<br>3810.1-1999  | 陶瓷砖试验方法 第1部<br>分：抽样和接收条件<br>Test methods of ceramic<br>tiles Part 1: Sampling<br>and basis for acceptance                                                                                                               | GB/T<br>3810-1996  | 1999-11-<br>01 | 2000-01-<br>01 |
| 15 | GB/T<br>3810.2-1999  | 陶瓷砖试验方法 第2部<br>分：尺寸和表面质量的检验<br>Test methods of ceramic<br>tiles Part 2:<br>Determination of<br>dimensions and surace<br>quality                                                                                         | GB/T<br>11948-1989 | 1999-11-<br>01 | 2000-01-<br>01 |
| 16 | GB/T<br>3810.3-1999  | 陶瓷砖试验方法 第3部<br>分：吸水率、显气孔率、表<br>观相对密度和容重的测定<br>Test methods of ceramic<br>tiles Part 3:<br>Determination of water                                                                                                        | GB/T<br>2579-1989  | 1999-11-<br>01 | 2000-01-<br>01 |

|    |                     |                                                                                                                                                       |                    |            |            |
|----|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------|------------|
|    |                     | absorption, Apparent porosity, apparent relative density and bulk density                                                                             |                    |            |            |
| 17 | GB/T<br>3810.4-1999 | 陶瓷砖试验方法 第4部分: 断裂模数和破坏强度的测定<br>Test methods of ceramic tiles Part 4: Determination of modulus of rupture and breaking strength                         | GB/T<br>8917-1989  | 1999-11-01 | 2000-01-01 |
| 18 | GB/T<br>3810.5-1999 | 陶瓷砖试验方法 第5部分: 用测恢复系数确定砖的抗冲击性<br>Test methods of ceramic tiles Part 5: Determination of impace resistance by measurement of coefficient of restitution |                    | 1999-11-01 | 2000-01-01 |
| 19 | GB/T<br>3810.6-1999 | 陶瓷砖试验方法 第6部分: 无釉砖耐磨深度的测定<br>Test methods of ceramic tiles Part 6: Determination of resistance to deep abrasion for unglazed tiles                     | GB/T<br>13479-1992 | 1999-11-01 | 2000-01-01 |
| 20 | GB/T<br>3810.7-1999 | 陶瓷砖试验方法 第7部分: 有釉砖表面耐磨性的测定<br>Test methods of ceramic tiles Part 7: Determination of resistance to surface abrasion for glazed tiles                   | GB/T<br>11950-1989 | 1999-11-01 | 2000-01-01 |
| 21 | GB/T<br>3810.8-1999 | 陶瓷砖试验方法 第8部分: 线性热膨胀的测定<br>Test methods of ceramic                                                                                                     |                    | 1999-11-01 | 2000-01-01 |

|    |                      |                                                                                                                                  |                    |            |            |
|----|----------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|------------|------------|
|    |                      | tiles Part 8:<br>Determination of linear<br>thermal expansion                                                                    |                    |            |            |
| 22 | GB/T<br>3810.9-1999  | 陶瓷砖试验方法 第9部分:<br>抗热震性的测定<br>Test methods of ceramic<br>tiles Part 9:<br>Determination of<br>resistance to thermal<br>shock       | GB/T<br>2581-1993  | 1999-11-01 | 2000-01-01 |
| 23 | GB/T<br>3810.10-1999 | 陶瓷砖试验方法 第10部分:<br>湿膨胀的测定<br>Test methods of ceramic<br>tiles Part 10:<br>Determination of<br>moisture expansion                  | GB/T<br>6954-1986  | 1999-11-01 | 2000-01-01 |
| 24 | GB/T<br>3810.11-1999 | 陶瓷砖试验方法 第11部分:<br>有釉砖抗釉裂性的测定<br>Test methods of ceramic<br>tiles Part 11:<br>Determination of crazing<br>rasistance glazed tiles | GB/T<br>11949-1989 | 1999-11-01 | 2000-01-01 |
| 25 | GB/T<br>3810.12-1999 | 陶瓷砖试验方法 第12部分:<br>抗冻性的测定<br>Test methods of ceramic<br>tiles Part 12:<br>Determination of frost<br>resistance                    | GB/T<br>6955-1986  | 1999-11-01 | 2000-01-01 |
| 26 | GB/T<br>3810.13-1999 | 陶瓷砖试验方法 第13部分:<br>耐化学腐蚀性的测定<br>Test methods of ceramic<br>tiles Part 13:<br>Determination of<br>chemical resistance              | GB/T<br>13478-1986 | 1999-11-01 | 2000-01-01 |
| 27 | GB/T<br>3810.14-1999 | 陶瓷砖试验方法 第14部分:<br>耐污染性的测定<br>Test methods of ceramic<br>tiles Part 14:<br>Determination of<br>resistance stains                  |                    | 1999-11-01 | 2000-01-01 |
| 28 | GB/T<br>3810.15-1999 | 陶瓷砖试验方法 第15部分:<br>有釉砖铅和镉溶出量的                                                                                                     |                    | 1999-11-01 | 2000-01-01 |

|    |                          |                                                                                                                                              |                    |                |                |
|----|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|----------------|
|    | 99                       | 测定<br>Test methods of ceramic<br>tiles Part 15:<br>Determination of lead<br>and cadmium given off by<br>glazed tiles                         |                    |                |                |
| 29 | GB/T<br>3810.16-19<br>99 | 陶瓷砖试验方法 第16部<br>分: 小色差的测定<br>Test methods of ceramic<br>tiles Part 16:<br>Determination of small<br>colour differences                       |                    | 1999-11-<br>01 | 2000-01-<br>01 |
| 30 | GB/T<br>4067-1999        | 金属材料电阻温度特征参<br>数的测定<br>Testing method for<br>electrical<br>resistance-temperature<br>characteristic parameter<br>s of metallic materials     | GB/T<br>4067-1983  | 1999-11-<br>01 | 2000-08-<br>01 |
| 31 | GB/T<br>4100.1-199<br>9  | 干压陶瓷砖 第1部分: 瓷<br>质砖(吸水率 $E \leq 0.5\%$ )<br>Dry-pressed ceramic<br>tiles Part 1: Porcelain<br>tiles ( $E \leq 0.5\%$ )                       |                    | 1999-11-<br>01 | 2000-01-<br>01 |
| 32 | GB/T<br>4100.2-199<br>9  | 干压陶瓷砖 第2部分: 炻<br>瓷砖(吸水率 $0.5\% < E \leq 3\%$ )<br>Dry-pressed ceramic<br>tiles Part 2: Stoneware<br>porcelain tiles ( $0.5\% < E \leq 3\%$ ) |                    | 1999-11-<br>01 | 2000-01-<br>01 |
| 33 | GB/T<br>4100.3-199<br>9  | 干压陶瓷砖 第3部分: 细<br>炻砖(吸水率 $3\% < E \leq 6\%$ )<br>Dry-pressed ceramic<br>tiles Part 3: Fine<br>stoneware tiles ( $3\% < E \leq 6\%$ )          |                    | 1999-11-<br>01 | 2000-01-<br>01 |
| 34 | GB/T<br>4100.4-199<br>9  | 干压陶瓷砖 第4部分: 炻<br>质砖(吸水率 $6\% < E \leq 10\%$ )<br>Dry-pressed ceramic<br>tiles Part 4: Stoneware<br>tiles ( $6\% < E \leq 10\%$ )             | GB/T<br>11947-1989 | 1999-11-<br>01 | 2000-01-<br>01 |

|    |                     |                                                                                                             |                                      |            |            |
|----|---------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------|------------|------------|
| 35 | GB/T<br>4100.5-1999 | 干压陶瓷砖 第5部分: 陶质砖(吸水率 E>10%)<br>Dry-pressed ceramic tiles Part 5: Fine earthenware tiles (E>10%)              | GB/T<br>4100-1992                    | 1999-11-01 | 2000-01-01 |
| 36 | GB/T<br>4109-1999   | 高压套管技术条件<br>Technical specification of high voltage bushing                                                 | GB/T<br>4109-1988                    | 1999-10-10 | 2000-05-01 |
| 37 | GB/T<br>4339-1999   | 金属材料热膨胀特征参数的测定<br>Testing method for thermal expansion characteristic parameters of metallic materials      | GB/T<br>4339-1984                    | 1999-11-01 | 2000-08-01 |
| 38 | GB/T<br>4340.2-1999 | 金属维氏硬度试验 第2部分: 硬度计的检验<br>Metallic vickers hardness test-Part 2: Verification of hardness testers            | GB/T<br>7664-1987;GB/T<br>17198-1997 | 1999-10-10 | 2000-03-01 |
| 39 | GB/T<br>4340.3-1999 | 金属维氏硬度试验 第3部分: 标准硬度块的标定<br>Metallic vickers hardness test-Part 3: Calibration of hardness reference blocks  | GB/T<br>7663-1987;GB/T<br>17199-1997 | 1999-10-10 | 2000-03-01 |
| 40 | GB/T<br>4961-1999   | 广播报时信号<br>Time signal in radio broadcasting                                                                 | GB/T<br>4961-1985                    | 1999-10-10 | 2000-01-01 |
| 41 | GB/T<br>5027-1999   | 金属薄板和薄带塑性应变比(r 值)试验方法<br>Metallic materials-Sheet and strip-Determination of plastic strain ratio(r-values) | GB/T<br>5027-1985                    | 1999-11-01 | 2000-08-01 |
| 42 | GB/T<br>5028-1999   | 金属薄板和薄带拉伸应变硬化指数(n 值)试验方法<br>Metallic materials-Sheet and                                                    | GB/T<br>5028-1985                    | 1999-11-01 | 2000-08-01 |

|    |                      |                                                                                                                                                 |                                                       |            |            |
|----|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------|------------|
|    |                      | strip-Determination of tensile strain hardening exponent (n-values)                                                                             |                                                       |            |            |
| 43 | GB/T<br>5169.12-1999 | 电工电子产品着火危险试验 试验方法 材料的灼热丝可燃性试验<br>Fire hazard testing for electric and electronic products Test methods Glow-wire flammability test on materials | GB/T<br>5169.4-1985                                   | 1999-10-10 | 2000-05-01 |
| 44 | GB/T<br>5169.13-1999 | 电工电子产品着火危险试验 试验方法 材料的灼热丝起燃性试验<br>Fire hazard testing for electric and electronic products Test methods Glow-wire ignitability test on materials | GB/T<br>5169.4-1985                                   | 1999-10-10 | 2000-05-01 |
| 45 | GB/T<br>5218-1999    | 合金弹簧钢丝<br>Alloy spring steel wires                                                                                                              | GB/T<br>5218-1985;GB/T<br>5219-1985;GB/T<br>5221-1985 | 1999-11-01 | 2000-08-01 |
| 46 | GB/T<br>5269-1999    | 传动及输送用双节距精密滚子链和链轮<br>Double-pitch precision roller chains and sprockets for transmission and conveyors                                          | GB/T<br>5269-1985                                     | 1999-10-11 | 2000-05-01 |
| 47 | GB/T<br>5312-1999    | 船舶用碳钢和碳锰钢无缝钢管<br>Carbon and carbon-Manganese steel seamless steel tubes and pipes for ship                                                      | GB/T<br>5312-1985                                     | 1999-11-01 | 2000-08-01 |
| 48 | GB/T<br>5953-1999    | 冷镦钢丝<br>Steel wires for cold heading                                                                                                            | GB/T<br>5953-1986;GB/T<br>5954-1986                   | 1999-11-01 | 2000-08-01 |
| 49 | GB/T<br>6451-1999    | 三相油浸式电力变压器技术参数和要求                                                                                                                               | GB/T<br>6451-1995                                     | 1999-10-10 | 2000-05-01 |

|    |                   |                                                                                                             |                                         |            |            |
|----|-------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------|------------|
|    |                   | Specification and technical requirements for three-phase oil-immersed power transformers                    |                                         |            |            |
| 50 | GB/T<br>6557-1999 | 挠性转子机械平衡的方法和准则<br>Mechanical vibration-Methods and criteria for the mechanical balancing of flexible rotors | GB/T<br>6557-1986;<br>GB/T<br>6558-1986 | 1999-10-11 | 2000-05-01 |
| 51 | GB/T<br>6784-1999 | M10×1 平座火花塞及其气缸盖安装孔<br>M10×1 spark-plugs with flat seating and their cylinder head housing                  | GB/T<br>6784-1986                       | 1999-11-01 | 2000-08-01 |
| 52 | GB/T<br>6785-1999 | M12×1.25 平座火花塞及其气缸盖安装孔<br>M12×1.25 spark-plugs with flat seating and their cylinder head housing            | GB/T<br>6785-1986                       | 1999-11-01 | 2000-08-01 |
| 53 | GB/T<br>6789-1999 | M14×1.25 锥座火花塞及其气缸盖安装孔<br>M14×1.25 spark-plugs with conical seating and their cylinder head housing         | GB/T<br>6789-1986                       | 1999-11-01 | 2000-08-01 |
| 54 | GB/T<br>8162-1999 | 结构用无缝钢管<br>Seamless steel tubes for structural purposes                                                     | GB/T<br>8162-1987                       | 1999-11-01 | 2000-08-01 |
| 55 | GB/T<br>8163-1999 | 输送流体用无缝钢管<br>Seamless steel tubes for liquid service                                                        | GB/T<br>8163-1987                       | 1999-11-01 | 2000-08-01 |
| 56 | GB<br>8334-1999   | 液化石油气钢瓶定期检验与评定<br>Periodic inspection and evaluation of liquefied petroleum gas steel cylinders             | GB 8334-1987                            | 1999-10-10 | 2000-06-01 |
| 57 | GB/T              | 淀粉发酵工业用玉米                                                                                                   | GB/T                                    | 1999-11-   | 2000-04-   |



|    |                       |                                                                                                                                                                    |                                              |            |            |
|----|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------|------------|
|    | 8613-1999             | Maize for starch fermentation industry                                                                                                                             | 8613-1988;GB/T 8614-1988                     | 01         | 01         |
| 58 | GB/T 9195-1999        | 陶瓷砖和卫生陶瓷分类及术语<br>Classification and terms of ceramic tiles and ceramic sanitary wares                                                                              | GB/T 9195-1988                               | 1999-11-01 | 2000-01-01 |
| 59 | GB/T 9711.2-1999<br>9 | 石油天然气工业 输送钢管 交货技术条件 第2部分: B级钢管<br>Petroleum and natural gas industries-Steel pipe for pipelines-Technical delivery conditions-Part 2: Pipes of requirement class B |                                              | 1999-11-01 | 2000-06-01 |
| 60 | GB 10878-1999         | 气瓶锥螺纹丝锥<br>Special taps of taper threads for gas cylinders                                                                                                         | GB 10878-1989                                | 1999-10-10 | 2000-06-01 |
| 61 | GB/T 11022-1999       | 高压开关设备和控制设备标准的共同技术要求<br>Common specifications for high-voltage switchgear and controlgear standards                                                                | GB/T 11022-1989;GB/T 2706-1989;GB/T 763-1990 | 1999-10-10 | 2000-05-01 |
| 62 | GB/T 11146-1999       | 原油水含量测定法(卡尔·费休法)<br>Crude oils-Determination of water-Karl fischer reagent method                                                                                  | GB/T 11146-1989                              | 1999-11-01 | 2000-06-01 |
| 63 | GB 11552-1999         | 轿车内部凸出物<br>Passenger car-Internal protrusions                                                                                                                      | GB 11552-1989                                | 1999-11-01 | 2000-08-01 |
| 64 | GB 11568-1999         | 汽车罩(盖)锁系统<br>Motor vehicles-Hood latch system                                                                                                                      | GB 11568-1989                                | 1999-11-01 | 2000-08-01 |
| 65 | GB 12135-1999         | 气瓶定期检验站技术条件<br>Technological specifications for                                                                                                                    | GB 12135-1989                                | 1999-10-10 | 2000-06-01 |

|    |                           |                                                                                                                                                                                                                                                                 |                    |                |                |
|----|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|----------------|
|    |                           | periodic inspection<br>station of gas cylinders                                                                                                                                                                                                                 |                    |                |                |
| 66 | GB/T<br>12301-1999        | 船舱内非危险货物产生有<br>害气体的检测方法<br>Detection methods for<br>harmful gas evolved from<br>non<br>-dangerous cargo in<br>holds                                                                                                                                             | GB/T<br>12301-1990 | 1999-11-<br>01 | 2000-08-<br>01 |
| 67 | GB/T<br>12353-1999        | 拱形金属爆破片装置分类<br>与安装尺寸<br>Classification and<br>mounting dimensions for<br>domed metal bursting<br>disc devices                                                                                                                                                   | GB/T<br>12353-1990 | 1999-11-<br>01 | 2000-08-<br>01 |
| 68 | GB/T<br>12606-1999        | 钢管漏磁探伤方法<br>Steel tubes-The testing<br>method of magnetic flux<br>leakage                                                                                                                                                                                       | GB/T<br>12606-1990 | 1999-11-<br>01 | 2000-08-<br>01 |
| 69 | GB/T<br>12772-1999        | 排水用柔性接口铸铁管及<br>管件<br>Cast iron pipes and<br>fittings with flexible<br>joint sewerage                                                                                                                                                                            | GB/T<br>12772-1991 | 1999-11-<br>01 | 2000-08-<br>01 |
| 70 | GB/T<br>14468.2-19<br>99  | 工业机器人 轴形机械接<br>口<br>Industrial robots-Shaft<br>mechanical interface                                                                                                                                                                                             |                    | 1999-10-<br>10 | 2000-05-<br>01 |
| 71 | GB/T<br>16656.41-1<br>999 | 工业自动化系统与集成<br>产品数据表达和交换 第<br>41 部分：集成通用资源：<br>产品描述与支持原理<br>Industrial automation<br>systems and<br>integration-Product<br>data representation and<br>exchange-Part 41:<br>Integrated generic<br>resources:Fundamentals<br>of product description<br>and support |                    | 1999-10-<br>10 | 2000-05-<br>01 |
| 72 | GB/T                      | 工业自动化系统与集成                                                                                                                                                                                                                                                      |                    | 1999-10-       | 2000-05-       |

|    |                    |                                                                                                                                                                                                           |  |            |            |
|----|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|------------|
|    | 16656.43-1999      | 产品数据表达和交换 第43 部分：集成通用资源：表达结构<br>Industrial automation systems and integration-Product data representation and exchange-Part 43: Integrated generic resources:Representation structures                    |  | 10         | 01         |
| 73 | GB/T 16656.44-1999 | 工业自动化系统与集成 产品数据表达和交换 第44 部分：集成通用资源：产品结构配置<br>Industrial automation systems and integration-Product data representation and exchange-Part 44: Integrated generic resources:Product structure configuration |  | 1999-10-10 | 2000-05-01 |
| 74 | GB 17877-1999      | 液氨瓶阀<br>Valves for liquid ammonia cylinders                                                                                                                                                               |  | 1999-10-10 | 2000-06-01 |
| 75 | GB 17878-1999      | 工业用非重复充装瓶阀<br>Non-refillable cylinder valve for industry                                                                                                                                                  |  | 1999-10-10 | 2000-06-01 |
| 76 | GB/T 17879-1999    | 齿轮 磨削后表面回火的浸蚀检验<br>Gears-Surface temper etch inspection after grinding                                                                                                                                    |  | 1999-10-11 | 2000-05-01 |
| 77 | GB/T 17880.1-1999  | 平头铆螺母<br>Flat head riveted nuts                                                                                                                                                                           |  | 1999-10-11 | 2000-05-01 |
| 78 | GB/T 17880.2-1999  | 沉头铆螺母<br>Countersunk head riveted nuts                                                                                                                                                                    |  | 1999-10-11 | 2000-05-01 |
| 79 | GB/T 17880.3-1999  | 小沉头铆螺母<br>Small countersunk head                                                                                                                                                                          |  | 1999-10-11 | 2000-05-01 |

|    |                      |                                                                                                                                                |  |            |            |
|----|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|------------|
|    | 99                   | riveted nuts                                                                                                                                   |  |            |            |
| 80 | GB/T<br>17880.4-1999 | 120° 小沉头铆螺母<br>120° Small countersunk head riveted nuts                                                                                        |  | 1999-10-11 | 2000-05-01 |
| 81 | GB/T<br>17880.5-1999 | 平头六角铆螺母<br>Flat head hexagon riveted nuts                                                                                                      |  | 1999-10-11 | 2000-05-01 |
| 82 | GB/T<br>17880.6-1999 | 铆螺母技术条件<br>Specifications for riveted nuts                                                                                                     |  | 1999-10-11 | 2000-05-01 |
| 83 | GB/T<br>17881-1999   | 广播电视光缆干线同步数字体系(SDH)传输接口技术规范<br>Technical specifications of SDH Transmission interface for broadcasting and television optical backbone network |  | 1999-10-10 | 2000-04-01 |
| 84 | GB/T<br>17882-1999   | 2 和 3 级静止式交流无功电度表<br>Alternating current static var-hour meters for reactive energy (classes 2 and 3)                                          |  | 1999-10-10 | 2000-03-01 |
| 85 | GB/T<br>17883-1999   | 0.2S 和 0.5S 级静止式交流有功电度表<br>Alternating current static watt-hour meters for active energy (classes 0.2S and 0.5S)                               |  | 1999-10-10 | 2000-03-01 |
| 86 | GB/T<br>17884-1999   | 费率和负荷控制用电子式纹波控制接收机<br>Electronic ripple control receiver for tariff and load control                                                           |  | 1999-10-10 | 2000-03-01 |
| 87 | GB<br>17885-1999     | 家用及类似用途机电式接触器<br>Electromechanical contactors for household and similar purposes                                                               |  | 1999-10-10 | 2000-05-01 |

|    |                      |                                                                                                                                                                                                                                                                                                      |                     |            |            |
|----|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------|------------|
| 88 | GB/T<br>17886.1-1999 | 标称电压 1KV 及以下交流电力系统用非自愈式并联电容器 第 1 部分: 总则<br>性能、试验和定额 安全要求 安装和运行导则<br>Shunt power capacitors of the non-self-healing type for a. c. systems having a rated voltage up to and including 1KV Part 1:<br>General-performance, testing and rating-safety requirements-guide for installation and operation | GB/T<br>3983.1-1989 | 1999-10-10 | 2000-05-01 |
| 89 | GB/T<br>17886.2-1999 | 标称电压 1KV 及以下交流电力系统用非自愈式并联电容器 第 2 部分: 老化试验和破坏试验<br>Shunt power capacitors of the non-self-healing type for a. c. systems having a rated voltage up to and including 1KV Part 2: Ageing test and destruction test                                                                                      |                     | 1999-10-10 | 2000-05-01 |
| 90 | GB/T<br>17886.3-1999 | 标称电压 1KV 及以下交流电力系统用非自愈式并联电容器 第 3 部分: 内部熔丝<br>Shunt power capacitors of the non-self-healing type for a. c. systems having a rated voltage up to and including 1KV Part 3: Internal fuses                                                                                                             |                     | 1999-10-10 | 2000-05-01 |
| 91 | GB/T<br>17887-1999   | 工业机器人 末端执行器自动更换系统 词汇和特性表示<br>Industrial robots-Automatic end effector exchange                                                                                                                                                                                                                       |                     | 1999-10-10 | 2000-05-01 |

|    |                    |                                                                                                                                                                                           |  |            |            |
|----|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|------------|
|    |                    | systems-Vocabulary and presentation of characteristics                                                                                                                                    |  |            |            |
| 92 | GB<br>17888.1-1999 | 机械安全 进入机器和工业设备的固定设施 第1部分:进入两级平面之间的固定设施的选择<br>Safety of machinery-Permanent means of access to machines and industrial plants Part 1: Choice of a fixed means of access between two levels |  | 1999-10-18 | 2000-10-01 |
| 93 | GB<br>17888.2-1999 | 机械安全 进入机器和工业设备的固定设施 第2部分:工作平台和通道<br>Safety of machinery-Permanent means of access to machines and industrial plants Part 2: Working platforms and gangways                                |  | 1999-10-18 | 2000-10-01 |
| 94 | GB<br>17888.3-1999 | 机械安全 进入机器和工业设备的固定设施 第3部分:楼梯、阶梯和护栏<br>Safety of machinery-Permanent means of access to machines and industrial plants Part 3: Stairways, stepladders and guard-rail                        |  | 1999-10-18 | 2000-10-01 |
| 95 | GB<br>17888.4-1999 | 机械安全 进入机器和工业设备的固定设施 第4部分:固定式直梯<br>Safety of machinery-Permanent means of access to machines and industrial plants Part 4: fixed ladders                                                   |  | 1999-10-18 | 2000-10-01 |

|     |                      |                                                                                                                                                   |                   |            |            |
|-----|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|------------|
| 96  | GB/T<br>17889.1-1999 | 梯子 第1部分:术语、型式和功能尺寸<br>Ladders part 1:<br>terms, types, functional sizes                                                                           |                   | 1999-10-18 | 2000-10-01 |
| 97  | GB/T<br>17889.2-1999 | 梯子 第2部分:要求、试验和标志<br>Ladders part 2:<br>requirements, testing, marking                                                                             |                   | 1999-10-18 | 2000-10-01 |
| 98  | GB/T<br>17890-1999   | 饲料用玉米<br>Maize for feedstuffs                                                                                                                     |                   | 1999-11-01 | 2000-04-01 |
| 99  | GB/T<br>17891-1999   | 优质稻谷<br>High quality paddy                                                                                                                        |                   | 1999-11-01 | 2000-04-01 |
| 100 | GB/T<br>17892-1999   | 优质小麦 强筋小麦<br>High quality wheat-Strong gluten wheat                                                                                               |                   | 1999-11-01 | 2000-04-01 |
| 101 | GB/T<br>17893-1999   | 优质小麦 弱筋小麦<br>High quality wheat-Weak gluten wheat                                                                                                 |                   | 1999-11-01 | 2000-04-01 |
| 102 | GB/T<br>17894-1999   | 集装箱自动识别<br>Freight containers-Automatic identification                                                                                            |                   | 1999-11-01 | 2000-08-01 |
| 103 | GB/T<br>17895-1999   | 天然气汽车和液化石油气汽车 词汇<br>Natural gas vehicle and liquefied petroleum gas vehicle-Vocabulary                                                            |                   | 1999-11-01 | 2000-08-01 |
| 104 | GB<br>17896-1999     | 管形荧光灯镇流器能效限定值及节能评价值<br>Limited values of energy efficiency and evaluating values of energy conservation of ballasts for tubular fluorescent lamps |                   | 1999-11-01 | 2000-06-01 |
| 105 | GB/T<br>17897-1999   | 不锈钢三氯化铁点腐蚀试验方法<br>Test of pitting                                                                                                                 | GB<br>4334.7-1984 | 1999-11-01 | 2000-08-01 |

|         |                    |                                                                                                                                           |                     |            |            |
|---------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------|------------|
|         |                    | corrosion resistance of stainless steels in the ferric chloride solution                                                                  |                     |            |            |
| 10<br>6 | GB/T<br>17898-1999 | 不锈钢在沸腾氯化镁溶液中应力腐蚀试验方法<br>Test method for stress corrosion-cracking resistance of stainless steels in a boiling magnesium chloride solution | GB/T<br>4334.8-1984 | 1999-11-01 | 2000-08-01 |
| 10<br>7 | GB/T<br>17899-1999 | 不锈钢点蚀电位测量方法<br>Method of pitting potential measurement for stainless steels                                                               | GB/T<br>4334.9-1984 | 1999-11-01 | 2000-08-01 |
| 10<br>8 | GB/T<br>17990-1999 | 圆钢点式(线圈)涡流探伤检验方法<br>Round steel rods-The eddy current testing method with probe coil                                                      |                     | 1999-11-01 | 2000-08-01 |
| 10<br>9 | GB/T<br>17991-1999 | 工业陶瓷及相关术语<br>Definitions of terms relating to industrial ceramics                                                                         |                     | 1999-11-01 | 2000-01-01 |
| 11<br>0 | GB<br>17992-1999   | 集装箱正面吊运起重机安全规程<br>Safete code for the container reach stacker                                                                             |                     | 1999-11-08 | 2000-08-01 |
| 11<br>1 | GB/T<br>17993-1999 | 汽车综合性能检测站通用技术条件<br>Specifications for multiple-function detecting test station of vehicle transport                                       |                     | 1999-11-08 | 2000-08-01 |

备注：自 GB/T 3810.1~3810.16-1999 系列标准实施之日起，废止 GB/T 2583-1981、GB/T 2584-1981。